Windows 7 Testing

Steve Slight

CIO Council Meeting
July 13, 2011

IT INFRASTRUCTURE PARTNERSHIP

VITA

NORTHROP GRUMMAN

Windows 7 Discussion

- Windows 7 testing
  - Agency proposed schedules are being forwarded via CAMs and AOMs
  - Scheduled two months for testing
  - How ready are your agency applications for Windows 7?
  - What help, if any, are you considering for remediation?

- Windows 7 communications
  - Are we communicating enough?
  - How should we tie in the ISOs?
  - Do you want to be included in the technical issues communications?

- Windows 7 implementation planning
  - Plan to work with the PC refresh schedule
  - Can we segregate agency departments during deployment if required?

Security Update

Trey Stevens

CIO Council Meeting
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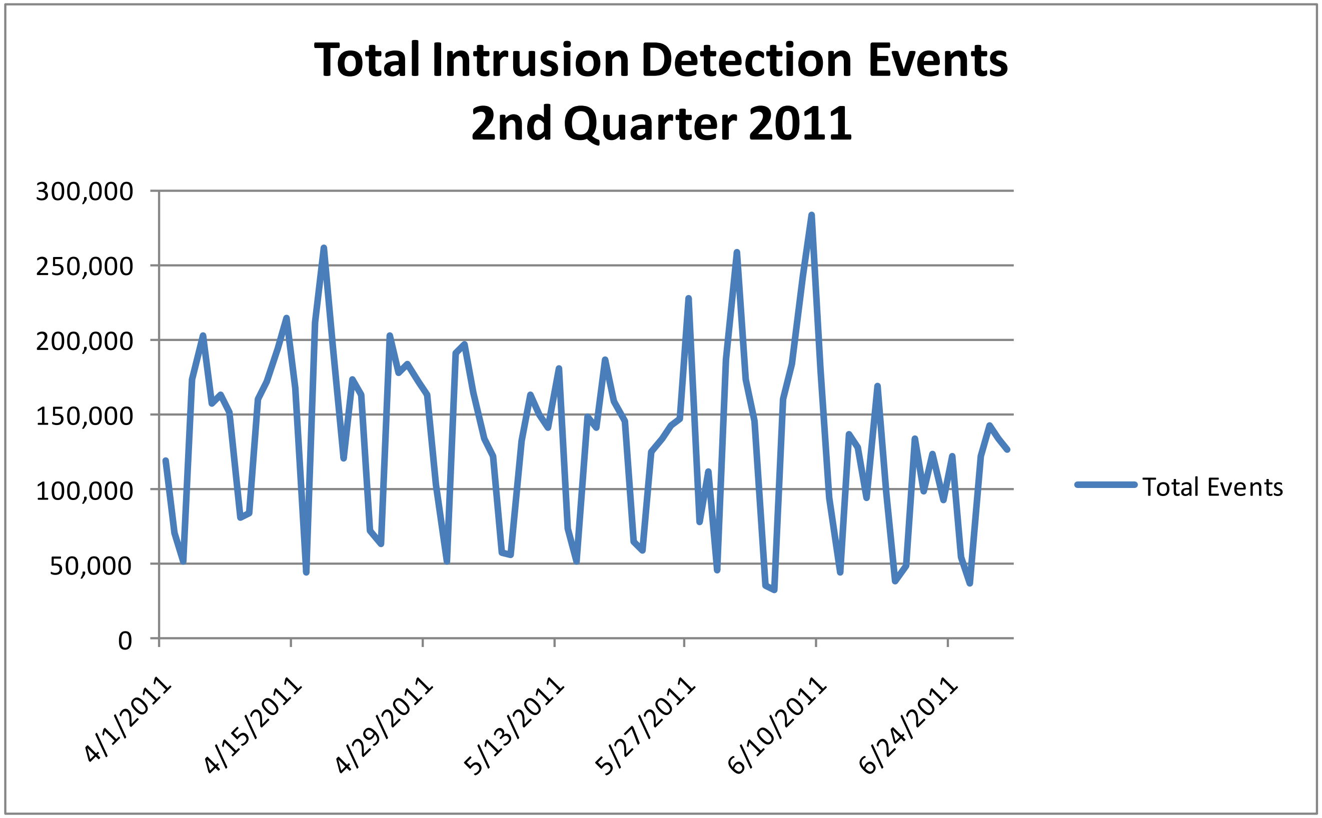
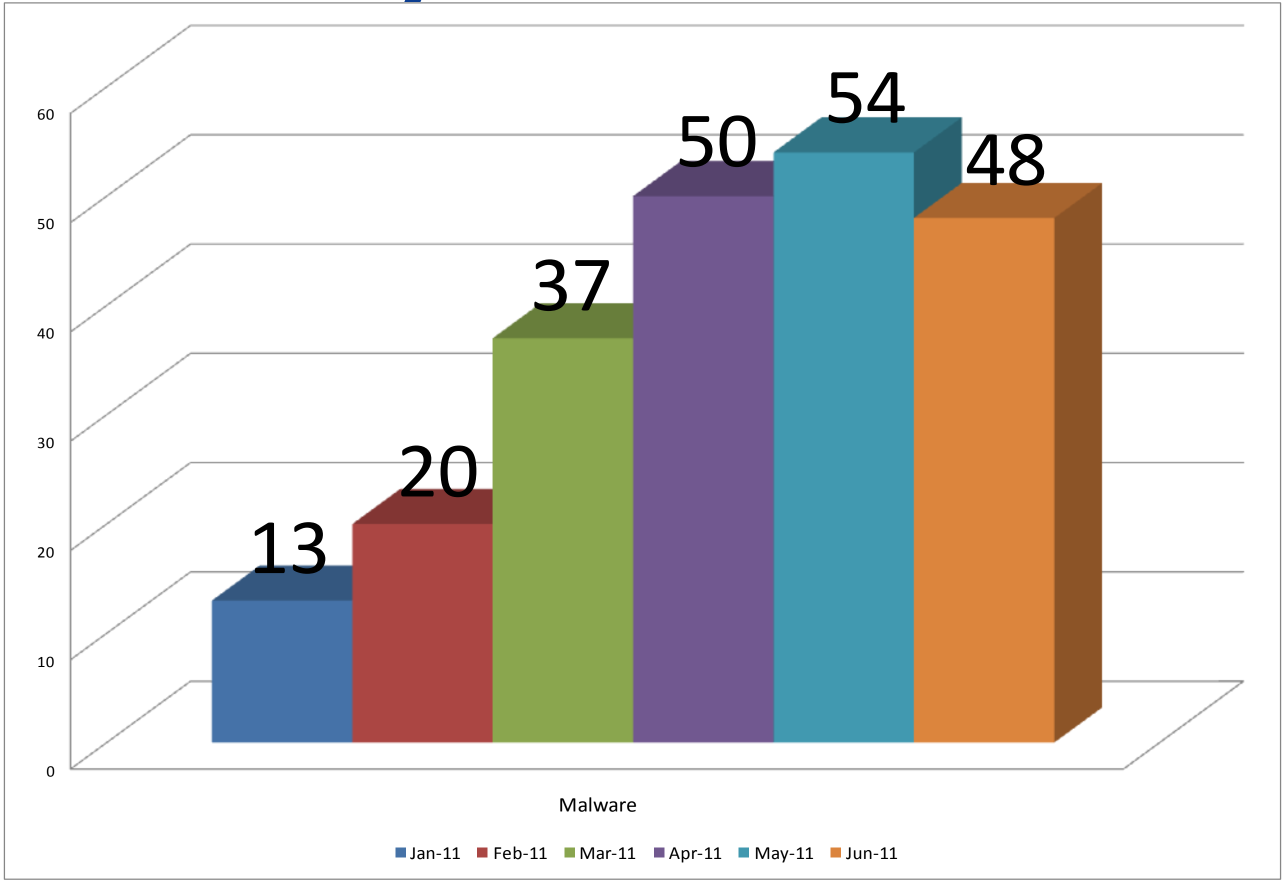
Security Intrusion Detection



During the second quarter of 2011 there were 12,187,705 potential attacks seen across all network and host-based intrusion sensors.

Security Incident Trend



- The number of malware-related incidents more than doubled from the first quarter
- Malware is using vulnerabilities in Java JRE, Adobe Acrobat Reader and Adobe Flash

Java and Malware

- While Adobe Acrobat Reader and Flash are patched by the IT Partnership, Java JRE is not.
- Java JRE is currently installed on 38,408 unique devices on the COV network.
- These devices are running a total of 96 different versions and almost 40 percent (15,343) have multiple versions of Java installed.
- Antivirus products only are effectively detecting and cleaning 50 percent of the variants being found. The malware is starting to exhibit more malicious behavior.
    - ➢ Outbound network communication attempts
    - ➢ Rootkit behavior
    - ➢ Keystroke logging
    - ➢ Data compromise attempts

Add Java to core software?

- Must remediate vulnerability
- Recommend updating to the latest version - JRE 1.6_update 26

Pro

- Standardize patching, executed by ITP
- Centralized reporting
- Patch testing driven by ITP

Con

- Some applications written in Java are written to a specific version
- Patch testing driven by ITP

How should we proceed?